

Osprey®-440 Video Capture Card

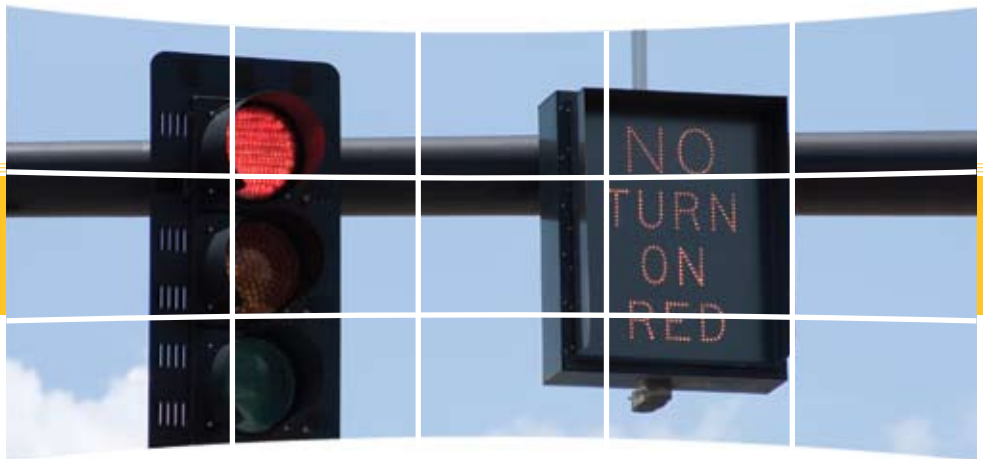
Ideal Users and Applications

• BROADCASTERS

Used in broadcast and advertising monitoring applications, due to density requirements

• GOVERNMENT

Used for traffic and surveillance cameras due to density requirements, as well as mobile encoding due to low CPU requirements, enabling many simultaneous channels



Osprey®-440

Capture Multiple Channels and Multiply your Savings

With the capability to simultaneously capture four independent channels of audio and video, the Osprey®-440 PCI-X™ capture card is a good choice for broadcasters and government agencies for the following reasons:

- Provides high channel density including efficiencies and cost savings achieved through reduced space requirements
- Able to encode multiple channels on one encoding system instead of four
- Optimized for live streaming and maximizes the effectiveness and management of your streaming operation through its Designed for LiveSM features such as:
 - Logo Bitmap Overlay (graphics over the video) with transparency and positioning controls
 - Automatically detects and adapts on-the-fly when the input video format changes from movie frame rates to TV frame rates
- Purchase the Osprey-440 with Osprey SimulStream® and you can use any or all of the four available inputs to feed multiple encoders at the same time
- Use it with ViewCast's Niagara SCX® to easily create and manage live streams in RealVideo® and Windows Media® at the same time, in any combination
- Create multiple streams of the same type from each input, independently, with completely independent settings for sizing, scaling, logos, and bit rate

Global standards support

As with all Osprey® capture cards, quality and reliability come standard and supports global analog standard-definition formats, including NTSC and PAL. If you are a global OEM integrator seeking a single-solution deployment strategy, this card's for you.

Additional inputs and outputs for OEM applications

OEM product developers can take advantage of additional composite video, S-Video, and balanced audio inputs which are available on internal connections on the Osprey-440 circuit board. Security / Surveillance OEMs can also access internal contact closure inputs and alarm relay outputs for custom applications. And there is a versatile Osprey SDK available for custom software application developers.

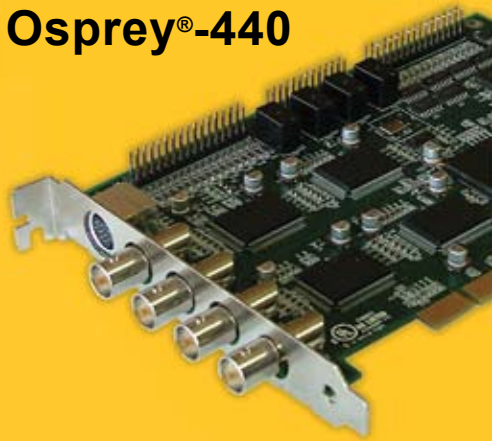
Compatible with Popular Application Software

The Osprey-440 works with popular video capture and encoding applications, including our own Niagara SCX Standard multi-codec streaming manager. Some of those other cards lock you in to a select few applications.

Industry-proven performance

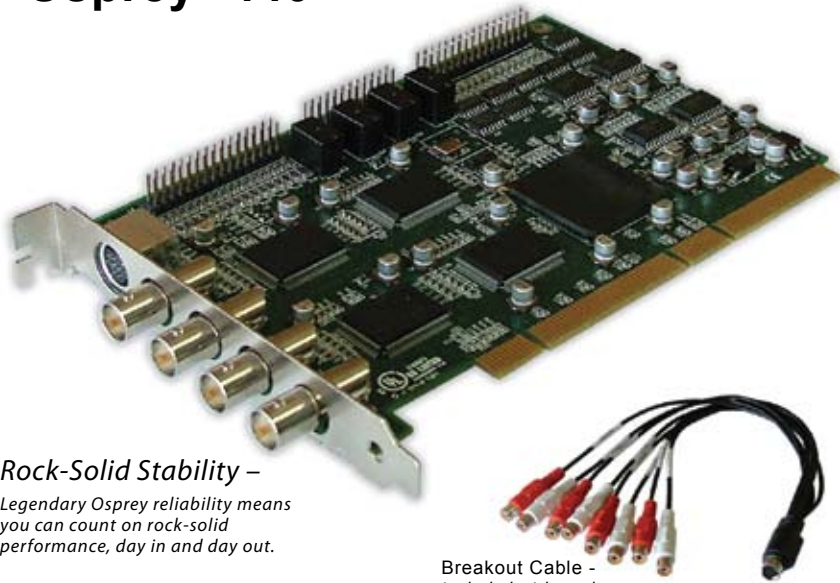
Over 300,000 Osprey cards are out in the marketplace worldwide being used in a variety of broadcast, commercial and industrial applications. You'll find Osprey capture cards in mission-critical applications throughout the world.

Osprey®-440



Think performance!

Osprey®-440



Rock-Solid Stability –
Legendary Osprey reliability means you can count on rock-solid performance, day in and day out.

Breakout Cable -
included with card

Features

- Four-channel video processing card with external and internal audio and video connectors
- Four alarm inputs and four dry contact outputs provide one input and output per channel
- 16 switchable video inputs are supported plus 8 audio inputs
- Unique video processing features can be controlled through custom development using the Osprey SDK.

Specifications

- 4 completely independent channels
- 4 composite (BNC) video inputs
- 4 pair unbalanced stereo audio input (RCA via included breakout cable)
- OEM applications can access 12 additional composite video (3 per channel) via internal pins, switchable, total 4 per channel
- 4 pair balanced stereo audio via internal pins
- 4 simultaneous medium resolution streams
- VBI data extraction (closed caption, teletext, VITC time code and raw VBI)
- PCI-X, 64-bit PCI interface, backward compatible to 32-bit/33 MHz PCI bus
- 3.3 Volt PCI™ 2.3 compliant
- 4 alarm inputs via internal pins and 4 dry contact outputs via internal pins (supported through Osprey SDK)
- NTSC, PAL
- Osprey SimulStream and Niagara SCX ready
- FCC Class A, UL Listed Accessory
- Windows® XP, Windows Server® and Linux (open source)